

Plastic Sheet Extrusion Die

This plastic sheet die is designed for extruding plastic sheets from materials including PVC, EVA, HDPE, PE, and PP. It is engineered to produce plastic sheets with consistent thickness and quality.



Product Overview

High-Precision Plastic Sheet Extrusion Die

This industrial-grade extrusion die is engineered for the high-precision manufacturing of various plastic sheets, including TPU, CPP, CPE, PP, PE, PVC, EVA, LDPE, HDPE, BOPP, PVB, and PC. Designed for durability and versatility, the system supports a wide range of sheet thicknesses from 0.2mm to 25mm. With advanced lip adjustment systems and high-grade polished surfaces, this die ensures consistent dimensional stability and superior surface quality for professional production environments.

Technical Specifications

Product Thickness

0.2 mm

Min Thickness

25 mm

Max Thickness

Die Materials	2738 (Germany), S316, 718, 5Crinimo, P20
Die Width	300mm - 8000mm (or per request)

Performance Metrics

Surface Finish Quality

Component	Roughness (Ra)
Lips and Flow Surface	0.02 - 0.03
Other Surfaces	0.03 - 0.04

Hardness & Chrome

- Surface Hardness: 60-70 HRC
- Chrome thickness: 0.035-0.045 mm

Control Systems

Lip Adjustment Options

- Manual full push flexible fine-turning
- Automatic full push flexible fine-turning
- Manual push & pull fine-turning
- Automatic push & pull fine-turning

Feeding Type	Round, square, or special
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